

SAFETY DATA SHEET

CLAS OHLSON CAR SHAMPOO

Date 2.1.2014

Previous date: -

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier**
Commercial Product Name
 CLAS OHLSON CAR SHAMPOO
- Article-No.
 31-1190-4
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Recommended use
 Car shampoo.
- 1.3 Details of the supplier of the safety data sheet**
Supplier
- | | |
|---------------------------------|------------------------------|
| | Lahega Kemi AB |
| P.O.Box | Box 13073 |
| Postcode and post office | 250 13 Helsingborg
Sweden |
| Telephone | +46 42 256700 |
| Telefax | +46 42 256750 |
| Email | info@lahega.se |
- 1.4 Emergency telephone number**
 United Kingdom of Great Britain and Northern Ireland:
 National Poisons Information Service
 + 8 448 920 111, 24 hrs
 Ireland: Dublin
 +353 1 809 2166 (public). 24hrs
 Malta:
 +356 2545 0000/ +356 2545 6504

SECTION 2. HAZARDS IDENTIFICATION

For the full text of the R-phrases mentioned in this Section, see Section 16.

- 2.1 Classification of the substance or mixture**
1272/2008 (CLP)
 Eye Irrit. 2, H319
67/548/EEC - 1999/45/EC (DPD)
 -
- 2.2 Label elements**
1272/2008 (CLP)
 GHS07
- | | |
|---------------------------------|--|
| Signal word | Warning |
| Hazard Statements | |
| H319 | Causes serious eye irritation. |
| Precautionary Statements | |
| P102 | Keep out of reach of children. |
| P301 | IF SWALLOWED: |
| P314 | Get medical advice/attention if you feel unwell. |
| P305 | IF IN EYES: |
| P351 | Rinse cautiously with water for several minutes. |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P501 | Dispose of contents/container to the recycling center or recycling in accordance with local and national regulations . |
- 2.3 Other hazards**
 No information available.



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SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2	Mixtures				
	Hazardous components				
	CAS	EINECS	Chemical name of the substance	Concentration	Classification
	69011-36-5	931-138-8	Fatty alcohol ethoxylate	1 - 5 %	Xn;R22 - R41 Acute Tox. 4, H302; Eye Dam. 1, H318
	112-34-5	203-961-6	2-(2-butoxyethoxy)ethanol	1 - 5 %	Xi; R36; Eye Irrit. 2, H319
	61789-40-0	931-333-8	Cocamidopropyl betaine	1 - 5 %	Xi; R41; Eye Dam. 1, H318; Aquatic Chronic 3, H412
3.3	Other information				
	For the full text of the R-phrases mentioned in this Section, see Section 16.				
	For the full text of the H-Statements mentioned in this Section, see Section 16.				
	REACH Registration Number				
	2-(2-butoxyethoxy)ethanol: 01-2119475104-44				

SECTION 4. FIRST AID MEASURES

- 4.1 Description of first aid measures**
Show this safety data sheet to the doctor in attendance.
- Inhalation**
If breathed in, move person into fresh air. Call a physician if symptoms occur.
- Skin contact**
Wash off with soap and water.
- Eye contact**
In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician if irritation persists.
- Ingestion**
Rinse mouth. Drink plenty of water. If possible drink milk afterwards. If large quantities of this material are swallowed, call a physician immediately.
- 4.2 Most important symptoms and effects, both acute and delayed**
May cause eye irritation.
- 4.3 Indication of immediate medical attention and special treatment needed**
No information available.

SECTION 5. FIREFIGHTING MEASURES

- 5.1 Extinguishing media**
Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- 5.2 Special hazards arising from the substance or mixture**
No information available.
- 5.3 Advice for firefighters**
In the event of fire, wear self-contained breathing apparatus.
- 5.4 Specific methods**
Refer to protective measures listed in sections 7 and 8. Not combustible. The product is not flammable.

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SECTION 6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. See chapter 8.

6.2 Environmental precautions

Try to prevent the material from entering drains or water courses.

6.3 Methods and materials for containment and cleaning up

adsorption in inert material (e.g. sand, kieselguhr, acid binder, universal binder, sawdust) Dispose of as hazardous waste in compliance with local and national regulations. Clean-up methods - small spillage: Flush with water.

6.4 Reference to other sections

If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Handle with care.

7.2 Conditions for safe storage, including any incompatibilities

Keep tightly closed in a dry, cool and well-ventilated place. Store in original container. Keep away from food and drink. Store at room temperature.

Freezing will affect the physical condition but will not damage the material. Thaw and mix before using.

7.3 Specific end use(s)

No information available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****Threshold limits**

112-34-5	2-(2-butoxyethoxy)ethanol	15 ppm (8 h)	30 ppm (15 min)
		100 mg/m ³ (8 h)	200 mg/m ³ (15 min)
		1996	

Other information on limit values

No information available.

DNELs

No information available.

PNECs

No information available.

8.2 Exposure controls**Appropriate engineering controls**

Wash hands before eating, drinking, or smoking.

Individual protection measures**Respiratory protection**

No personal respiratory protective equipment normally required.

Hand protection

For prolonged or repeated contact use protective gloves. Barrier creams may help to protect the exposed areas of skin, they should however not be applied once exposure has occurred.

Eye/face protection

Tightly fitting safety goggles. Use protective skin cream before handling the product.

Skin protection

Long sleeved clothing.

Environmental exposure controls

The product should not be allowed to enter drains, water courses or the soil.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	Important Health Safety and Environmental Information	
	Appearance	viscous liquid light green
	Odour	slight
	Odour threshold	no data available
	pH	~ 9 (concentrate)
	Melting point/freezing point	no data available
	Initial boiling point and boiling range	~ 100 °C
	Flash point	no data available
	Evaporation rate	no data available
	Flammability (solid, gas)	no data available
	Explosive properties	
	Lower explosion limit	no data available
	Upper explosion limit	no data available
	Vapour pressure	no data available
	Vapour density	no data available
	Relative density	~ 1,02 g/cm ³ (20°C)
	Solubility(ies)	
	Water solubility	completely miscible
	Fat solubility (solvent - oil to be specified)	no data available
	Partition coefficient: n-octanol/water	no data available
	Auto-ignition temperature	no data available
	Decomposition temperature	no data available
	Viscosity	no data available
	Explosive properties	no data available
	Oxidising properties	no data available
9.2	Other information	
	Melting point: ~ 0 °C	

SECTION 10. STABILITY AND REACTIVITY

10.1	Reactivity	Stable under normal conditions.
10.2	Chemical stability	Stable under recommended storage conditions.
10.3	Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4	Conditions to avoid	no data available
10.5	Incompatible materials	no data available
10.6	Hazardous decomposition products	No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	No data is available on the product itself.
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Acute toxicity no dataavailable **Irritation and****corrosion**

May cause eye irritation.

Sensitisation

No information available.

Subacute, subchronic and prolonged toxicity

No information available.

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration hazard

No information available.

Other information on acute toxicity

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.

SECTION 12. ECOLOGICAL INFORMATION**12.1 Toxicity****Aquatic toxicity**

2-(2-butoxyethoxy)ethanol:

LC50/96h/fish = > 1000 mg/l

EC50/48h/daphnia = > 1000 mg/l

Fatty alcohol ethoxylate:

LC50/96h/fish = 1 - 10 mg/l

EC50/48h/daphnia = 1 - 10 mg/l

EC50/72h/algae = 1 - 10 mg/l

Cocamidopropyl betaine:

LC50/96h/fish = 1.3 - 2 mg/l

EC50/48h/daphnia = 1.3 - 2 mg/l

EC50/72h/algae = 1.3 - 2 mg/l

Toxicity to other organisms

No information available.

12.2 Persistence and degradability**Biodegradation**

Fatty alcohol ethoxylate:

ThOD > 70 %

Cocamidopropyl betaine:

BOD 86 - 100 % (28d) (OECD 301F)

Biodegradable

Chemical degradation

No information available.

12.3 Bioaccumulative potential

2-(2-butoxyethoxy)ethanol:

Log Pow 0,56

Bioaccumulation is unlikely.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

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12.6 Other adverse effects

not hazardous Information given is based on data on the components and the toxicology of similar products.

SECTION 13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of wastes in an approved waste disposal facility. Not a hazardous waste.

13.2 Waste from residues / unused products

The following Waste Codes are only suggestions: 070604 - other organic solvents, washing liquids and mother liquors

SECTION 14. TRANSPORT INFORMATION**14.1 UN number**

Not classified as dangerous for conveyance in the meaning of the regulations for the transport of dangerous goods by road and rail.

14.2 UN proper shipping name

Not relevant

14.3 Transport hazard class(es)

Not relevant

14.4 Packing group

Not relevant

14.5 Environmental hazards

Not relevant

14.6 Special precautions for users

Not relevant

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

SECTION 15. REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, regulation (EC) No. 1907/2006 and the EU Directives 67/548/EEC or 1999/45/EC. The surfactant(s) contained in this mixture complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

15.2 Chemical safety assessment

No information available.

SECTION 16. OTHER INFORMATION**16.1 Additions, Deletions, Revisions**

Version 1.0.

16.2 Key or legend to abbreviations and acronyms

- **DNEL** - No observed adverse effect level
- **PNEC** - Predicted No Effect Concentration
- **PBT** - persistent, bioaccumulating and toxic.
- **vPvB** - very persistent and very bioaccumulating.

16.3 Key literature references and sources for data

REGULATION (EC) No 1272/2008, Safety data

16.4 Classification procedure

Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP)

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16.5 List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements

R22	Harmful if swallowed.
R36	Irritating to eyes.
R41	Risk of serious damage to eyes.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H412	Harmful to aquatic life with long lasting effects.

16.6 Additional information available from:

Provide adequate information, instruction and training for operators. Take notice of labels and material safety data sheets for the working chemicals.